Diego Treviño Tran

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EDUCATION

Cornell University (Ithaca, NY)   *Anticipated Graduation Date: May 2026*

Bachelor of Arts, Computer Science Major
Relevant Coursework: Computer System Organization and Programming, Data Structures and Functional
Programming, Object-Oriented Programming and Data Structures, Introduction to Analysis of Algorithms

Coursera Meta Back-End Development   *Jun. 2023 - Aug. 2023*

Relevant Coursework: Introduction to Back-End Development, Programming in Python, Version Control,
Introduction to Databases for Back-End Development, Django Web Framework

Bishop O'Dowd High School (Oakland, CA)   *Class of 2022*

First Honors (Fall 2018 - Spring 2022)

Google Code Next (Oakland, CA)   *Class of 2022*

Relevant Coursework: Linux System Administration, Web Development, Game Design, Code Next Launch.

WORK EXPERIENCE

Alameda County Assessor's Office (Oakland, CA)   *Technician Specialist I Jul. - Aug. 2024*

Conducted systems testing for a prototype taxpayer portal for a county of 1.6 million citizens. Developed a
database application with SQL and VBA to manage thousands of exemption claims totalling millions of dollars.

Bishop O'Dowd High School Tech Support (Oakland, CA)   *Volunteer Aug. 2018 - Sep, 2022*

Provided technical and installation support to school faculty and a student body of over 1,300 students.
Coordinated with fellow support staff to perform maintenance and setup of school hardware and infrastructure.

California Emerging Technology Fund (Oakland, CA)   *Intern Jul. 2019, Employee Apr. - Aug. 2021*

Administered and designed workbooks to log and analyze hundreds of consumer responses. Designed marketing
and educational social media content in order to maximize outreach on social media channels.

PROJECTS

SQL Database Management System   *Aug. 2024 - Dec. 2024*

Led a group of four to design and implement a SQL database management system in Java. Architected the project
structure, delegated tasks to group mates, and managed correspondence throughout the development process.

RISC-V Interpreter   *Mar. 2024 - Apr. 2024*

Designed and implemented an interpreter for the RISC-V assembly language as part of Cornell University's
Computer System Organization and Programming class, written entirely in C.

Big Red Blockchain   *Sep. 2023 - Dec. 2023*

Collaborated with a group of four other peers to develop an OCaml-based blockchain application. Designed test
suites using black and glass box testing. Developed wallet systems for users to store mined cryptocurrencies.

HONORS AND AWARDS

Hispanic Scholarship Fund Scholar   *Nov. 2022*
California Scholarship Federation Life Member   *May 2022*
National Honor Society Lifetime Member   *May 2022*
Hispanic Heritage Foundation Youth Awardee   *Gold Award for Technology, 2021*

ADDITIONAL SKILLS

Languages: Java, Python, C, HTML, CSS, OCaml, JavaScript, SQL, Spanish (intermediate)
Technical: React.js, Django, FL Studio, Git, Bootstrap
Conceptual: REST, Agile Methodology, Public Speaking, Black/Clear Box Testing, Team Collaboration

EXTRACURRICULARS

Society for Advancement of Chicanos and Native Americans in   *Cornell Chapter, Sep. 2022 - Present*
Science (SACNAS)
Underrepresented Minorities in Computing (URMC)   *Sep. 2022 - Present*